

INSTRUCTIONS
CONCRETE BATCH PLANT SOURCE DESCRIPTION (APC-2-12)

This form should be used for concrete batch plant permit applications instead of the more general Process or Fuel Burning Source Description Form (APC-2-02) and the Emission Point Description Form (APC-2-03).

- Item 1.-** The right-hand portions of the first two lines are intended for Memphis and Shelby County-Air Pollution Control Section (MSCHD-APC) use only. However, if your facility has been assigned these ID numbers, they can be entered in these spaces. Please note that the legal name of your organization is the name registered with the Tennessee Secretary of State and therefore shall match up with the business number provided by that agency.
- Item 2.-** The emission source number should be a simple code which uniquely identifies the equipment covered by the application. It will be used to identify the equipment under consideration and to distinguish it from other, possibly similar, equipment. It should be referenced on all future correspondence concerning the equipment in question. Once assigned, this code should not be changed. If a change is required, the previous code and the new code should be listed in item 17 and the reason for the change explained. List the Standard Industrial Classification code (SIC) for the source if known.
- Item 3.-** Location of the emission point should be entered in either latitude & longitude to the nearest seconds, or UTM coordinates to the nearest .01 kilometer. For example, 495.27 and 3948.61 are UTM horizontal and vertical coordinates respectively.
- Item 4-5.-** Normal/maximum operation should reflect the schedule when any or all of the equipment covered by this application is in operation. Days/year needs to be completed only if operation is so limited that it cannot be adequately described by days/week and weeks/year.
- Item 6.-** Percent annual throughput should reflect the approximate seasonal nature of the process. If operation is not seasonal, enter 25% for each.
- Item 7.-** Enter under the appropriate type of mix, the annual production expressed in yards. Enter the approximate date construction of the plant was initiated. If the source was modified (not counting modifications made exclusively to control equipment) after original construction, enter the construction starting date for the most recent modification instead. Describe any such modification in item 17.
- Item 8.-** Indicate type of road dust control for both plant yard and access roads by checking the appropriate blocks. If roads are watered indicate approximate frequency.
- Item 11.-** Indicate the number of cement storage silos and the total combined capacity of the silos in either barrels or tons. Specify which units are used. Indicate type of silo vent control listed. If other is circled, explain type of control in item 17.
- Item 16.-** Particulate emission estimates from each of the indicated vents should be based on engineering calculations. In certain cases other estimates or blanks may be accepted. Average emissions (pounds/hour) should represent the total weight of pollutant emitted to the atmosphere for a period which covers a complete or an integral number of cycles divided by the hours of actual process operation during such periods. Maximum emissions (pounds/hour) should be determined by dividing the total highest emission possible during any 3 hour period, with control equipment working properly, by 3. This should take into consideration such things as maximum possible operating rate, particular products which may result in increased emissions, etc. Emission estimation method and control device descriptions, along with corresponding codes, can be found on the back of the permit application form (APC-2-01). The codes which most accurately describe the estimation methods and control equipment used, along with estimated control equipment efficiency should be entered for each vent listed. Any estimation methods or control devices other than those listed in the tables should be described in the comments, item 17.